

INDUSTRIAL COMPONENT DATA

SACB-6/12-L- 5,0PUR SCO P 1452660 PHOENIX CONTACT

Sensor/actuator box, Application: Standard, Connection met..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACB-6/12-L-5,0PUR SCO P



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-6/12-L-5,0PUR SCO P
Catalog number	1452660
Category	Passive sensor-actuator interface (with cable)
Minimum order	1 Pcs
Document ID	EO-7014C72F28
Generated	2026-08-02

Product Overview

Sensor/actuator box, Application: Standard, Connection method: M12-SPEEDCON-socket Plastic, Number of slots: 6, Number of positions: 5, Coding: A - standard, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Fixed connection 180°, PUR/PVC, Cable length: 5 m, Shielding: No

Sensor/actuator box, application: Standard, connection type: SPEEDCON M12 female connector Plastic, number of plug-in stations: 6, number of poles: 5, coding: A - standard, occupancy of plug-in stations: Double, status indication: Yes, pnp; Main cable connection: Fixed connection 180°, PUR/PVC, cable length: 5 m, shielding: no

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > QUICKON Installation System (QPD)
--------------	---

Additional Product Information

General

Rated voltage 24 V DC

Max. operating voltage U_{max} 30 V DC

Current carrying capacity per I/O signal 2 A

Current carrying capacity per slot 4 A

Total rated current 12 A

Number of positions 5

Number of slots 6

Sensor/actuator connection system M12-SPEEDCON-socket

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 80 °C

-40 °C ... 90 °C (for fixed installation)

-5 °C ... 80 °C (for flexible installation)

Local diagnostics function

Local diagnostics Supply voltage Green LED

Status display I/O Yellow LED

Master cable connection data

Connection method Fixed connection

Length of cable 5 m

Tightening torque slot sensor/actuator cable 0.4 Nm

Tightening torque of mounting screw for fixing the housing 0.5 Nm

Insulation material

Housing material PBT

Material of the moulding mass PUR

Contact material Cu alloy

Contact surface material Gold-plated

Contact carrier material PA

Material of threaded sleeve PBT

O-ring material NBR

Pin assignment

Slot/position = Wire color or connection 1 / 4 (A) = WH

1 / 2 (B) = GY/PK

2 / 4 (A) = GN

2 / 2 (B) = RD/BU

3 / 4 (A) = YE

3 / 2 (B) = WH/GN

4 / 4 (A) = GY

4 / 2 (B) = BN/GN

5 / 4 (A) = PK

5 / 2 (B) = WH/YE

6 / 4 (A) = RD

6 / 2 (B) = YE/BN

1-4 / 1 (+ 24 V) = BN

1-6 / 3 (0 V) = BU

1-6 / 5 (PE) = GN/YE

Cable

Cable type PUR/PVC black

Cable type (abbreviation) PUR

Cable abbreviation LiYY11Y-HF

UL AWM style 20549

Conductor cross section 12x 0.5 mm² (signal line)

3x 1 mm² (power line)

AWG signal line 20

AWG powe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-6/12-L-5,0PUR SCO P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.